



## **State Revolving Fund Loan Programs**

### **Drinking Water, Wastewater, Nonpoint Source**

#### **PRELIMINARY DECISION OF CATEGORICAL EXCLUSION**

TO ALL INTERESTED CITIZENS, ORGANIZATIONS AND GOVERNMENT AGENCIES:

#### **CITY OF INDIANAPOLIS**

**Edgewood/Shelby Septic Tank Elimination Program Project: Addendum #1**

**DPW # BL-46-004B; PER 5-B Project B**

**STATE REVOLVING FUND PROJECT to be funded through Indianapolis SRF Loan 11**

**Date: September 9, 2010**

**Target Project Approval Date: September 10, 2010**

Pursuant to IC 4-4-11, the State Revolving Fund (SRF) Loan Program has determined that the project described here and in Preliminary Engineering Report Addendum #1 will have no substantial negative environmental impact. Therefore, the SRF is issuing a preliminary decision of Categorical Exclusion from the requirements of substantive environmental review.

#### *How were environmental issues considered?*

The National Environmental Policy Act (NEPA) requires agencies disbursing Federal funds to include environmental factors in the decision making process. A summary of the project is attached for your review. The SRF's preliminary review has found that the proposed project does not require the preparation of either an EA or an EIS.

#### *Why is additional environmental review not required?*

Our environmental review has concluded that significant environmental impacts will not result from the proposed action.

#### *How do I submit comments?*

Comments can be submitted to:

Mr. Max Henschen, Senior Environmental Manager  
SRF Programs  
317-232-8623; mhensche at ifa.in.gov

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## CATEGORICAL EXCLUSION

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### I. PROJECT IDENTIFICATION

Project Name and Address:                   **Edgewood/Shelby STEP Project**  
   **PER 5B-B: Addendum #1**  
   **DPW# BL-46-004B**  
   City of Indianapolis Dept. of Public Works  
   2460 City-County Building  
   200 East Washington Street  
   Indianapolis, Indiana 46204

Authorized Representative:                   David Sherman, Director  
   Department of Public Works

### II. PROJECT LOCATION

The project area is located in south central Marion County, Perry Township, Sections 1 and 12, Township 14 North, Range 3 East in the Maywood USGS quadrangle; the area is bounded by Edgewood Avenue on the north, Shelby Street on the east, Beechwood Lane on the south, and Smock Street on the west. See Exhibit B-1.

### III. PROJECT AMENDMENT NEED AND PURPOSE

The State Revolving Fund (SRF) Loan Program approved the original Edgewood/Shelby Septic Tank Elimination Program (STEP) Project on August 8, 2007. During the project's design phase, the city identified 18 properties west of Little Buck Creek which are not served by sanitary sewers; the city also identified a better sewer alignment west of Beechwood Lane on Shelby and east of Beechwood Lane through the ball diamond area. The "no action" alternative would not resolve home owners' failing or problematic septic system issues; environmental pollution from the failing septic systems would continue, so this option was rejected. The feasible alternative is gravity sewer installation. Construction will occur under existing street pavement or on land significantly disturbed by previous construction activity.

The entire project now includes:

- 4,143 feet of 8-in diameter PVC (SDR 35) sewer
- 1,182 feet of 6-in diameter PVC (SDR 35) service lateral
- 21 Manholes
- 41 Service connections (wyes)

#### IV. ESTIMATED PROJECT COSTS AND FUNDING

Indianapolis will use funds from its SRF Loan No. 11 to finance the proposed project. The city has adjusted and will continue to adjust its rates and charges to pay for the projects and debt service.

##### Project Cost Summary

Project construction Cost	<u>\$530,525</u>
Non-construction Cost	<u>\$ 71,224</u>
(e.g., project management, construction inspection, start-up costs)	
<b>Total Project Cost</b>	<b>\$601,749</b>

#### V. ENVIRONMENTAL IMPACTS OF THE FEASIBLE ALTERNATIVES

##### A. Direct Impacts of Construction

The gravity sewers for the project will be installed under existing street pavement or on land previously disturbed by construction activity. The sewer installation into the ball diamond area will be a temporary impact, and the area will be restored following sewer installation.

The proposed project will not affect historic sites or archaeological resources, wetlands, 100-year floodplain, surface waters, groundwater and wells, endangered species, or wooded areas. If any visual or audible impacts to historic sites occur, they will be temporary and will not alter the characteristics that qualify such properties for inclusion in or eligibility for the State or National registers. The SRF's finding pursuant to Section 106 of the Historic Preservation Act is: "no historic properties affected." See Exhibit B-2.

##### B. Induced Impacts

The city's Preliminary Engineering Report (PER) Addendum #1 states: *The City through the authority of its Council, planning commission, or other means will ensure that future development, as well as future collection system or treatment works projects connecting to SRF funded facilities, will not adversely impact wetlands, archaeological/ historical/ structural resources, or other sensitive environmental resources. The city will require new development and treatment works projects to be constructed within the guidelines of the U.S. Fish and Wildlife Service, IDNR, IDEM and other environmental review authorities.*

#### VI. MITIGATION MEASURES

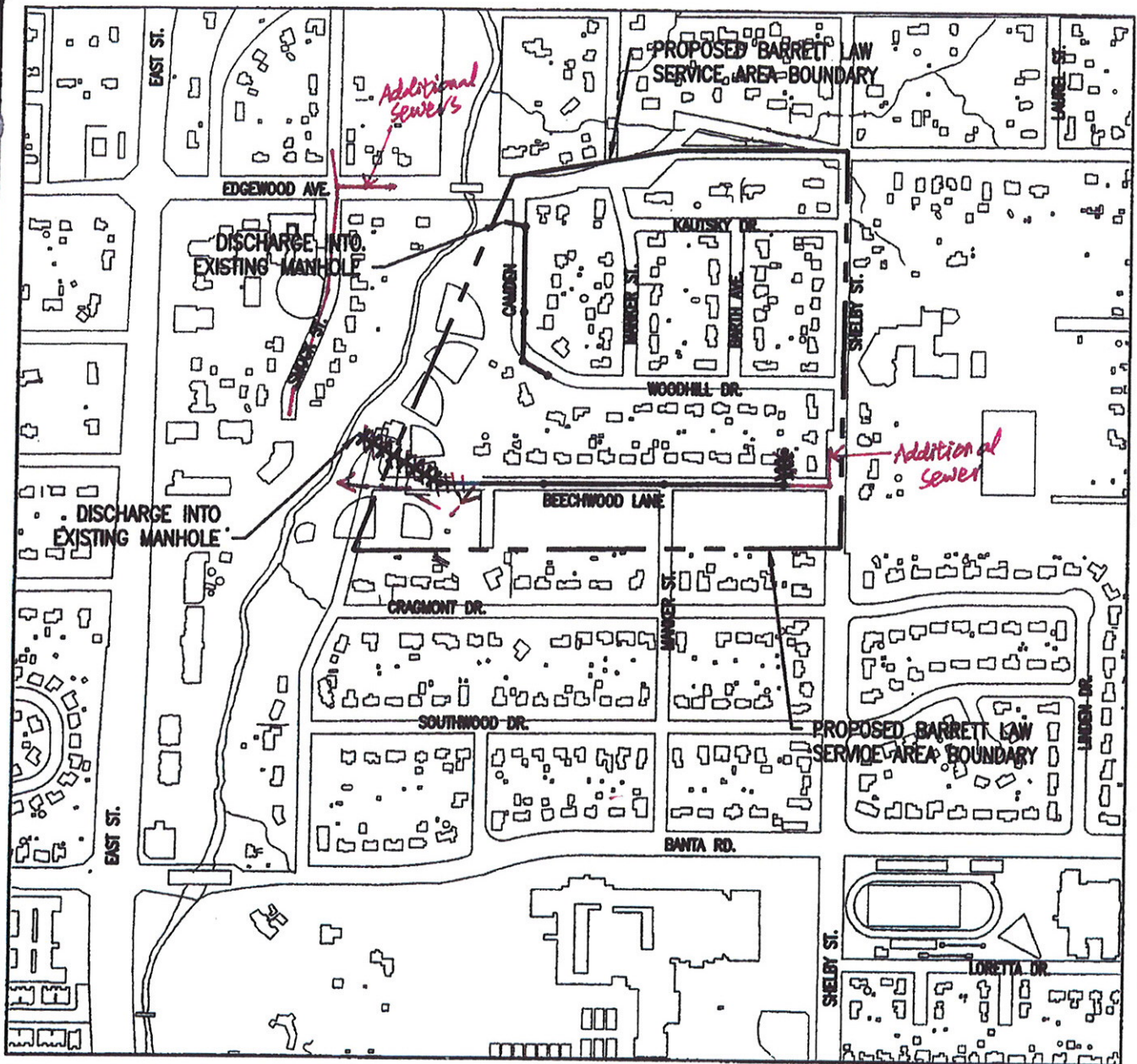
The city's PER Addendum #1 states: *Erosion and sediment control measures required by the contract specification will require the contractor to provide a schedule for clearing, grading, excavating, and restoring disturbed areas, along with a description of measures to be used during construction. Natural vegetation will be retained wherever feasible. Appropriate agronomic practices (sediment basins, seeding, mulching) will be implemented to control runoff. Drainage system, if disturbed, will be returned to their natural state as soon as possible.*

*Roadways and parking lots will remain stabilized during construction. When possible, construction will be scheduled to avoid excessively wet conditions. Existing topsoil will be reused in site restoration. If necessary during high groundwater table season, dewatering will be employed during construction with flow directed to a sedimentation basin prior to being discharged to surrounding surface waters. Construction activities may generate some noise, fumes, and dust normally resulting from such activities, such impact(s) would be alleviated by periodically wetting the exposed soil and unpaved roadways to reduce the suspension of particles.*

## **VII. PUBLIC PARTICIPATION**

The city published a public notice in the Indianapolis Star describing the revised project on May 17, 2010. The city did not receive any comments.





# **LEGEND**

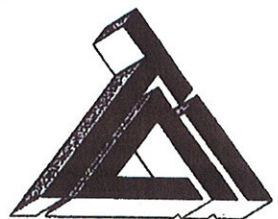
- ~~----~~ REMOVED FROM PROJECT
- ADDITIONAL SEWERS
- - - - - PROPOSED BARRETT LAW SERVICE AREA BOUNDARY
- PROPOSED 8" SANITARY SEWER (UNLESS NOTED)
- - - - - PROPOSED SANITARY FORCE MAIN AND CLEANOUT
- PROPOSED SANITARY MANHOLE
- ##### PROPOSED EASEMENT

## **CITY OF INDIANAPOLIS EDGEWOOD/SHELBY - PROJECT AREA AND PROPOSED IMPROVEMENTS**

SCALE: 1" = 600'



- JUL 15 2010



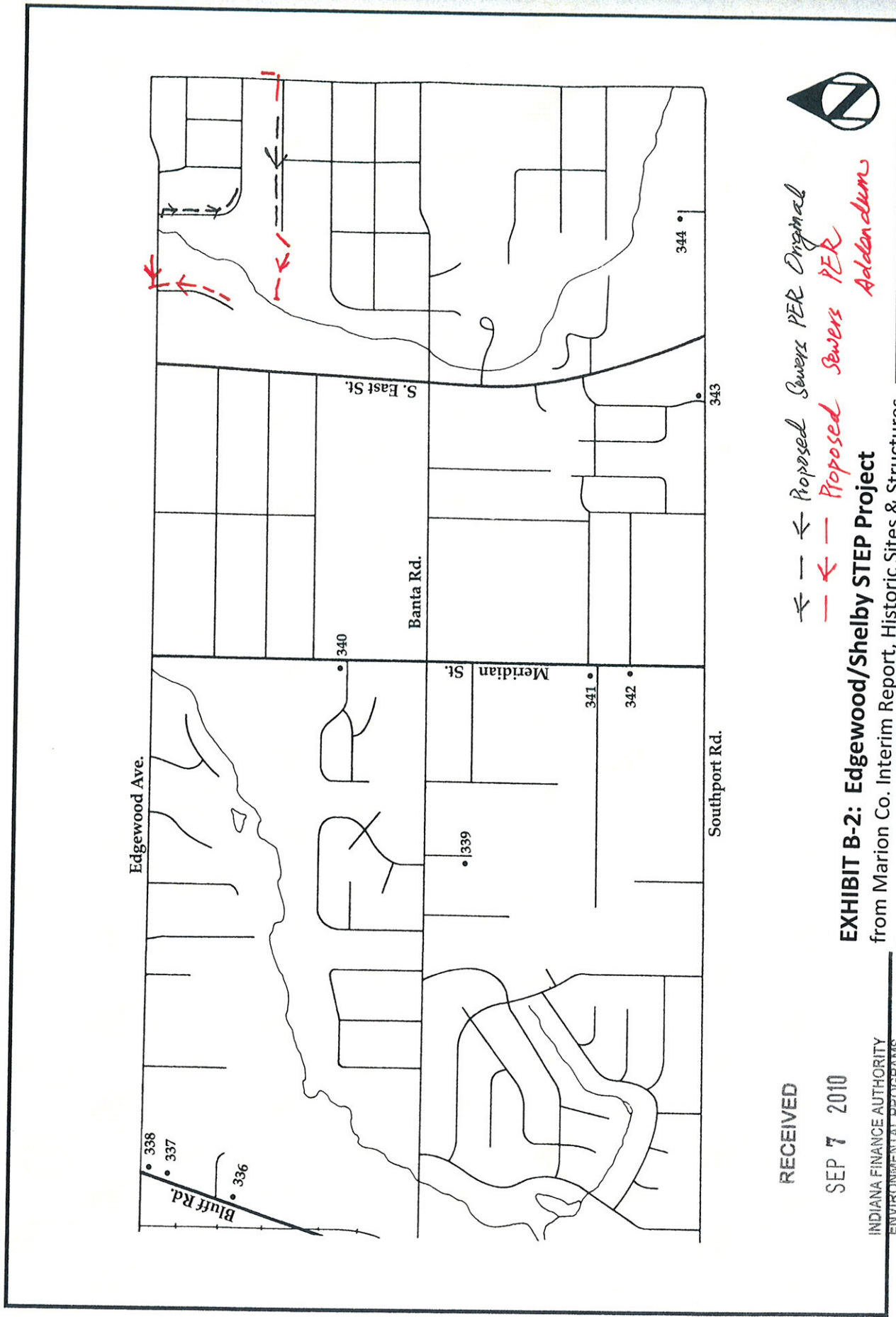
**TRIAD ASSOCIATES INC.**  
5835 LAWTON LOOP EAST DRIVE  
INDIANAPOLIS, INDIANA 46216  
PHONE: 317-377-5230 FAX: 317-377-5241

**EXHIBIT B-1**



# Perry Township — Map #17 Sites #85336-344

SEP 03 2010



RECEIVED

SEP 7 2010

INDIANA FINANCE AUTHORITY  
 ENVIRONMENTAL PROGRAMS

← -- ← Proposed Seters PER Original  
 — — — Proposed Seters PER Addendum

**EXHIBIT B-2: Edgewood/Shelby STEP Project**  
 from Marion Co. Interim Report, Historic Sites & Structures  
 Inventory, Perry Township